

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Frough Sherwani

GENERAL INFORMATION:

Name:	Precision Tube Inc.
Address:	1025 Fortune Drive Richmond, Kentucky 40475
Date application received:	May 05, 2005
SIC/Source description:	<u>3312 Tubing, seamless: steel</u>
Plant I.D.	21-151-00067
AI number:	15675
Activity number:	APE20050002
Permit number:	F-06-051

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052, 1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutants	Allowable Emission	Potential Emission
	Tons / Yr.	
PM/PM10	NA	7.63
VOC *	NA	87.98
Xylene**	9.0	69.68
Magnesium Oxide**	NA0	1.73
Ethyl Benzene**	9.0	17.34
Cobalt Compound**	NA	0.0046
Chromium**	NA	2.397
Chromium VI**	NA	1.64
Manganese**	NA	1.584
Nickel Compound	NA	0.897
Total HAPS***	22.5	95.6

** The source has accepted a facility-wide cap on annual individual HAP emission of no more than 9 tons per rolling 12-month period.

*** The source has accepted a facility-wide cap on annual combined HAPS emissions of no more than 22.5 tons per rolling 12-month period.

SOURCE PROCESS DESCRIPTION:

Precision Tube Inc. of Richmond, Kentucky, coats pipe for the exhaust pipes used in material handling equipment.

On May 5, 2005 the source applied to the Division for the renewal of their conditional major permit F-00-027.

On July 26, 2004 the source applied for the following minor modifications to their facility.

- 1 Addition of Sandblasting Booth;
- 2 MIG and TIG Welding Operations (Five manual MIG welders, Two TIG Welders and one Robotic MIG welders;
- 3 Parts Washer.

These new emission units are included in the new permit F-06-051.

EMISSION AND OPERATING CAPS DESCRIPTION:

1. The source has accepted a facility-wide cap on annual individual HAP emission of no more than 9.0 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.
2. The source has accepted a facility-wide cap on annual combined HAPS emissions of no more than 22.5 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.